

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

### **Listing of Claims:**

1-4 (cancelled)

5. (previously presented) The combination single screw extruder and cooling liquid according to claim 20 with a screw  $LT/De$  ratio of between 2 and 10.

6. (previously presented) The combination single screw extruder and cooling liquid according to claim 20 wherein the  $H/wc$  ratio is under 0.2.

7-12 (cancelled)

13. (withdrawn)

14. (withdrawn)

15. (previously presented) The combination single screw extruder and cooling liquid according to claim 20 with a screw  $LT/De$  ratio of between 2 and 5.

16-19 (cancelled)

20. (previously presented) A combination single screw extruder and cooling liquid comprising an extruding screw and a barrel, said extruding screw having a length ( $LT$ )

in contact with the barrel, a pitch length (Sp) and a screw diameter (De), said combination comprising cooling means constituted by a cooling circuit comprising said cooling liquid, said extruding screw being characterised by from 3 to 4 thread starts and pitch angle defined as  $\text{Arctg}(Sp/\pi \cdot De)$  of between 32 and 42 degrees, said cooling liquid being ammonia.

21-23 (cancelled)

24. (new) The combination single screw extruder and cooling liquid according to claim 20 which is useful for manufacturing of a frozen food product.